



# B. K. BIRLA CENTRE FOR EDUCATION, PUNE

(SENIOR SECONDARY CO-ED DAY CUM RESIDENTIAL SCHOOL, AFFILIATED TO CBSE NEW DELHI)

**PRE MID TERM (2024-25)**

**SUBJECT 5 : INFORMATION TECHNOLOGY (802)**



**Class : XI Science**  
**Date : 01-08-2024**

**Duration : 1 hour**  
**Max. Marks : 25**

## I. Multiple Choice Questions: (Answer any nine)

(9 X 1 = 9)

- (1) Which of the following method is used to receive information from the sender?
  - (a) Listening
  - (b) Speaking
  - (c) Telling
  - (d) Writing
- (2) What are the words we should use when we communicate verbally?
  - (a) Straight Words
  - (b) Simple Words
  - (c) Precise Words
  - (d) Fixed Words
- (3) What is phonetics?
  - (a) It is the study of how we write words in English
  - (b) It is the study of how people understand sentences
  - (c) It is the study of how many words the English language has
  - (d) It is the study of sounds we make when we speak
- (4) By which action can a sender send his or her messages?
  - (a) Listening
  - (b) Speaking
  - (c) Reading
  - (d) None
- (5) Which of these is a positive (good) facial expression?
  - (a) Staring hard
  - (b) Nodding while listening
  - (c) Wrinkled forehead
  - (d) Looking away from the speaker
- (6) What is the primary function of the ALU (Arithmetic Logic Unit) in a CPU?
  - (a) Store Data
  - (b) Perform Arithmetical and Logical Calculations
  - (c) Manage Memory
  - (d) Control flow of instructions
- (7) In which type of memory are instructions and data currently being processed stored?
  - (a) ROM
  - (b) Hard disk
  - (c) Cache
  - (d) RAM

- (8) Which type of memory is non-volatile and can be electrically erased and reprogrammed?  
(a) SRAM  
(b) DRAM  
(c) Flash Memory  
(d) Cache Memory
- (9) What is the main function of the motherboard?  
(a) To provide power to the computer  
(b) To connect all the components of the computer  
(c) To store data permanently  
(d) To perform calculations
- (10) What does BIOS stand for?  
(a) Basic Input Output System  
(b) Binary Input Output System  
(c) Basic Integrated Operating System  
(d) Binary Integrated Operating System

**II. Short Answer Type Questions: (Answer any five)**

**(5 X 2 = 10)**

- (1) What are the advantages of Assertive Communication?  
(2) What is the importance of communication?  
(3) Define visual communication. Draw any two signs used in visual communication.  
(4) Write one sentence of each type – statement, question, exclamatory and order.  
(5) Explain the importance of cache memory.  
(6) Expand the following words- SRAM,DRAM,ROM,EPROM.  
(7) Describe primary and secondary storage devices of a computer  
(8) List some common troubleshooting steps that you should keep in mind.

**III. Long Answer Type Questions : (Answer any two)**

**(2 X 3 = 6)**

- (1) Explain various types (methods) of communication.  
(2) What do you mean by 7Cs of effective communication? Explain any three.  
(3) Explain various units to measure storage capacity of a device. Give the smallest unit.  
(4) List the various functions of an operating system.

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